



TFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Seiichi Ikeda

DOCKET NO.: 116566.00004

SERIAL NO.: 10/575,914

EXAMINER:

FILED: April 14, 2006

ART UNIT:

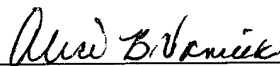
TITLE: "Three-Dimensional Model"

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Gavin J. Milczarek-Desai
Quarles & Brady Streich Lang
One South Church Avenue, Suite 1700
Tucson, AZ 85701

CERTIFICATE OF MAILING

I hereby certify that on this 17th day of July, 2006, this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Alice B. Vanicek

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, applicant wishes to make of record the items on attached PTO Form 1449. Copies of the Japanese references, including English translations where available, are provided in accordance with 37 CFR 1.98.

The Fukuda reference (An In-Vitro Medical Model of the Human Cerebral Arteries for Trial Operations) discloses a solid wax rapid prototype model that is embedded within silicone blocks (see abstract and Figs. 3 and 4).

The Ikeda reference similarly describes a wax and silicone model (see abstract and Figs. 2 and 3).

The JP 62-298376 reference is cited in the counterpart Japanese patent application and this reference discloses a membranous model replicating a body cavity; and a translucent base material surrounding the membranous model, with the translucent base material get being elastic and in adhesive contact with the same material of the membranous model which has the substantially same refractive index.

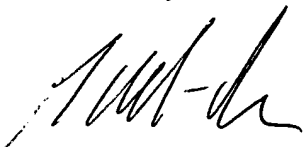
The Model 40 reference discloses a translucent body cavity model on page 139, Model 76 ("M76").

The JP 2-83438 reference discloses a light source and transmittance/reflection detector in Figs. 1 and 7.

Applicant believes that none of the foregoing referenced material, alone or in combination, anticipates or renders obvious his invention.

Respectfully submitted

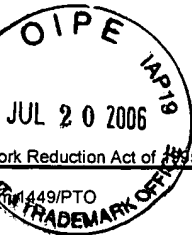
Quarles & Brady Streich Lang, LLP

A handwritten signature in black ink, appearing to read 'G. Milczarek-Desai', written in a cursive style.

Gavin J. Milczarek-Desai

Reg. No. 45,801

520-770-8716 Phone; 520-770-2235 Fax



PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/575,914
Filing Date	April 14, 2006
First Named Inventor	Seiichi Ikeda
Art Unit	
Examiner Name	
Attorney Docket Number	116566.00004

Sheet	1	of	3
-------	---	----	---

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	FOREIGN PATENT DOCUMENTS				T ⁶
		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code ² -Number ⁴ -Kind Code ³ (if known)	MM-DD-YYYY			
		JP 2003-11237A	01-15-2003	Kenichi et al.		
		JP H11-73096A	03-16-1999	Yukio et al.		
		WO 03/096309A1	11-20-2003	Fukuda et al.		
		JP H10-33253A	02-10-1998	Hideki et al.		
		JP H03-111726A (Abstract)	05-13-1991	Toru		
		JP S62-249644A	11-04-1987	Nambu et al.		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Sheet 3 of 3	Application Number	10/575,914
	Filing Date	April 14, 2006
	First Named Inventor	Seiichi Ikeda
	Art Unit	
	Examiner Name	
	Attorney Docket Number	116566.00004

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		FUKUDA, Toshio et al., "An In-Vitro Medical Model of the Human Cerebral Arteries for Trial Operations," Proceeding of the 20th Robot Academic Study, 2002	
		IKEDA, Seiichi et al., "Phantom based Training System for Intravascular Neurosurgery," Lecture Proceeding of Robotics and Mechanics, 2003	
		Model 40, 2002-2003, Kyoto Kayaku Co., Ltd., Sales Brochure, pp. 5, 111, 136, 139, 145	

Examiner Signature		Date Considered	
---------------------------	--	------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.